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| Application/Control N | ٥. |
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10/520,960

Reexamination

Applicant(s)/Patent under

KOENIGER ET AL. Art Unit

Examiner Mirellys Jagan

2855

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

| Claim         Date           Image: Claim         Date           1         Image: Claim           1         Image: Claim           2         Image: Claim           3         Image: Claim           51         Image: Claim           52         Image: Claim           51         Image: Claim           52         Image: Claim           51         Image: Claim           51         Image: Claim           51         Image: Claim           52         Image: Claim           53         Image: Claim           54         Image: Claim           52         Image: Cl   |                 |
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| 1       1         2       1         3       1         4       1         5       53         6       54         7       55         8       55         9       55         10       58         9       59         10       60         11       61         12       62         13       63         14       64         15       65         16       66         17       67         18       69         20       70         21       70         21       74         25       75         26       76         27       77         28       78   | т-т             |
| 1       1         2       1         3       1         4       1         5       53         6       54         7       55         8       55         9       55         10       58         9       59         10       60         11       61         12       62         13       63         14       64         15       65         16       66         17       67         18       69         20       70         21       70         21       74         25       75         26       76         27       77         28       78   |                 |
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| 6       7         7       56         57       58         9       59         10       60         11       61         12       62         13       63         14       64         15       65         16       66         17       67         18       68         19       69         20       70         21       70         21       74         25       75         26       76         27       77         28       78   |                 |
| 6       7         7       56         57       58         9       59         10       60         11       61         12       62         13       63         14       64         15       65         16       66         17       67         18       68         19       69         20       70         21       70         21       74         25       75         26       76         27       77         28       78   |                 |
| 7   |                 |
| 8       58         9       60         10       61         11       62         13       63         64       64         15       65         16       66         17       67         18       68         19       69         20       70         21       70         21       70         23       73         24       74         25       76         27       77         28       78   |                 |
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| 12 62 63 63 64 64 65 65 66 66 67 67 68 68 69 70 70 71 72 72 72 72 73 73 74 74 75 75 75 75 75 75 75 75 75 75 75 75 75  | <del>   -</del> |
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| 17 \( \) 18 \( \rho \) 67 \\ 18 \( \rho \) 68 \\ 19 \( \rho \) 69 \\ 20 \( \rho \) 70 \\ 21 \( \rho \) 71 \\ 22 \\ 23 \\ 24 \\ 25 \\ 26 \\ 27 \\ 28 \( \rho \) 78   | +               |
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| 35 85   | $\Pi$           |
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| 40 90   | 11              |
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| 45 2 95   | 11              |
| 46 96   | +               |
| 47 97   | ++              |
| 48 98   | ++              |
| 49 99   | + +             |
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|----------|----------------------------|----------|----------|--------------|----------|--------------|----------|----------|----------|----------|
| Final    | Original                   | 80/51    |          |              |          |              |          |          |          |          |
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| $\vdash$ | 51<br>52<br>53             | 7777     |          |              |          | _            |          | -        |          |          |
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| $\perp$  | 53                         | ~        | _        |              |          |              | _        |          |          | _        |
| -        | 54<br>55                   | ~        |          | <u> </u>     |          |              |          | _        |          |          |
|          | 55                         | 7        | _        | <u> </u>     |          |              |          | _        | _        |          |
|          | 56                         |          |          | <u></u>      |          |              |          |          | _        |          |
|          | 57                         | <u></u>  |          | L            |          |              |          |          | _        |          |
|          | 58                         |          |          | _            |          |              |          |          | _        |          |
|          | 59                         |          |          | <u> </u>     |          |              |          |          |          |          |
|          | 60                         |          |          | $oxed{oxed}$ |          |              |          |          |          |          |
|          | 61                         | L_       | ļ        |              |          |              |          |          |          |          |
|          | 62<br>63                   |          | <u> </u> |              |          |              |          |          |          |          |
|          | 63                         |          |          |              |          |              |          |          |          |          |
|          | 64                         |          |          |              |          |              |          |          |          |          |
|          | 65<br>66                   |          |          |              |          |              |          |          |          |          |
|          | 66                         |          |          |              |          |              |          |          |          |          |
|          | 67                         |          | Г        |              |          |              |          |          |          |          |
|          | 68                         |          |          |              | _        |              | -        | _        |          |          |
|          | 68<br>69                   |          | $\vdash$ |              |          |              | -        |          |          |          |
|          | 70                         |          |          |              | -        |              |          |          |          |          |
|          | 71                         |          |          | ┢            | $\vdash$ |              | $\vdash$ |          |          |          |
|          | 72                         |          |          | <u> </u>     | -        | -            |          |          |          |          |
| <b>—</b> | 73                         | $\vdash$ | -        | <del> </del> | $\vdash$ | -            |          |          |          |          |
| $\vdash$ | 71<br>72<br>73<br>74<br>75 |          | -        | <del> </del> | -        | -            | -        |          | -        |          |
| -        | 75                         | $\vdash$ |          |              | -        | $\vdash$     |          |          | $\vdash$ |          |
|          | 76                         |          | $\vdash$ | ┢            |          | -            |          |          | -        |          |
| <b>}</b> | 76<br>77                   | -        | ⊢        | $\vdash$     | -        | ⊢            |          |          |          |          |
| -        | 70                         | ├        | H        | ├            |          | ⊢            |          | _        |          |          |
|          | 78                         | ├—       | $\vdash$ | -            | ļ        |              |          |          |          | _        |
| <u> </u> | 79<br>80                   | ┝        |          |              |          | <del> </del> |          | -        |          |          |
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|          | 81                         |          | ├        | $\vdash$     | ļ        | <u> </u>     | <u> </u> | -        |          |          |
|          | 82<br>83                   | <u> </u> | _        |              | <u> </u> | -            |          | _        | <u> </u> |          |
|          | 83                         | <u> </u> | _        | L            | L_       |              | <u> </u> | _        | _        | _        |
|          | 84                         | <u> </u> | _        | ⊢            |          |              | _        | <u> </u> |          |          |
| L        | 85                         | <u> </u> | ļ        | ļ            | <u> </u> |              |          | <u> </u> |          |          |
|          | 86                         |          |          | <u> </u>     | _        |              |          | <u> </u> |          | _        |
|          | 87                         | <u> </u> |          | <u> </u>     | <u> </u> | <u> </u>     |          |          |          |          |
|          | 88<br>89                   | _        | L        |              | <u> </u> | <u> </u>     |          |          |          |          |
|          | 89                         |          |          | _            |          |              |          |          | _        |          |
|          | 90<br>91                   | ļ        |          | L            | ļ        |              |          |          | _        |          |
|          | 91                         |          | <u> </u> | <u> </u>     |          |              |          | <u> </u> | <u> </u> | <u>_</u> |
|          | 92                         | <u> </u> | <u> </u> | 1            |          | _            |          | <u> </u> |          | <u> </u> |
|          | 93                         |          |          | <u></u>      |          |              | _        |          | <u> </u> |          |
|          | 94                         |          |          |              | L        | L            |          |          | <u></u>  |          |
|          | 95                         |          |          | oxdot        |          |              |          |          |          |          |
|          | 96                         |          |          |              |          |              |          | 匚        | Ĺ        |          |
|          | 97                         |          |          |              |          |              |          |          | L        |          |
|          | 98                         | Γ        |          |              |          |              |          |          |          |          |
|          | 99                         | Π        |          |              |          |              |          |          |          |          |
|          | 100                        |          | Γ        |              |          |              | Γ        |          |          |          |

| Cla  | Date  |  |          |          |  |          |  |          |              |          |
|--|---|--|----------|----------|--|----------|--|----------|--------------|----------|
| Final  | Original                                      |  |          |          |  |          |  |          |              |          |
|  | 101   |  |          |          |  |          |  |          |              |          |
|  | 102   | _  |          |          |  |          |  |          | _            |          |
|  | 103   |  |          |          |  |          |  |          |              |          |
|  | 104<br>105                                    |  |          |          |  |          |  |          |              |          |
|  | 105   | _  |          | _        |  |          |  |          |              | _        |
|  | 106   |  |          |          |  |          |  |          |              | _        |
|  | 107<br>108                                    |  | _        |          |  |          |  | _        |              | $\dashv$ |
|  | 108   |  |          |          |  |          |  |          |              | _        |
|  | 109   |  |          |          |  |          |  |          |              | 4        |
|  | 110   |  |          | _        |  |          |  |          | _            |          |
|  | 111   |  | _        |          |  | _        |  |          | _            |          |
|  | 112   |  |          |          |  |          | _  |          |              | $\dashv$ |
|  | 113<br>114                                    |  | _        |          |  | -        | -  | $\vdash$ |              |          |
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| <u> </u>   | 115<br>116                                    | H  |          |          | -  |          | <u> </u>   | -        | -            | $\dashv$ |
|  | 117   | _  | _        |          |  | -        |  |          |              |          |
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|  | 119   | _  |          | _        |  | $\vdash$ | -  |          |              | $\dashv$ |
|  | 120   | _  |          |          |  | -        |  |          | -            |          |
| -  | 121   |  | _        |          |  | -        |  |          |              |          |
|  | 122   |  |          |          | _  |          |  | -        |              |          |
| <del></del>                                      | 121<br>122<br>123                             | -  |          | $\vdash$ |  |          | $\vdash$   |          |              |          |
| <u> </u>   | 124   |  | _        |          |  | -        | <del>                                     </del> |          |              |          |
|  | 125   |  |          |          |  |          | -  |          |              |          |
|  | 126   |  |          |          |  |          | Г  |          |              |          |
|  | 124<br>125<br>126<br>127<br>128<br>129<br>130 |  |          |          |  |          |  |          |              |          |
|  | 128   |  |          | ,        |  |          |  |          |              |          |
|  | 129   |  |          |          |  |          |  |          |              |          |
|  | 130   |  |          |          |  |          |  |          |              |          |
|  | 131   |  |          |          |  |          |  |          | L.           |          |
|  | 132<br>133                                    |  |          |          |  |          | L.   |          |              |          |
|  | 133   |  |          | _        |  | _        |  | _        |              |          |
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| <u> </u>   | 135   | _  | <u></u>  | _        | ļ  | <u> </u> | _  | _        |              |          |
|  | 136   | <u> </u>   |          |          |  | -        | <u> </u>   | _        |              |          |
| <u> </u>   | 137   |  |          | <u> </u> | _  |          | _  | -        | <u> </u>     | $\vdash$ |
| $\vdash$   | 138<br>139                                    |  | <u> </u> |          |  | $\vdash$ | ⊢  |          | <u> </u>     | $\dashv$ |
|  | 140   |  | -        |          |  | ├        | $\vdash$   | -        | -            | $\vdash$ |
|  | 1 4 4 4                                       |  | -        |          |  | -        | -  | ╁        | ┢            |          |
| <del>                                     </del> | 141   | -  | -        | -        | -  | -        |  | 1        | -            | $\vdash$ |
|  | 143   |  | $\vdash$ |          | $\vdash$   |          | -  | $\vdash$ |              | $\vdash$ |
| <b> </b>   | 144   | <del>                                     </del> | -        | $\vdash$ | <del>                                     </del> | $\vdash$ |  | $\vdash$ |              | $\vdash$ |
|  | 145   | -  | H        |          | H  |          | 1  | ┢        | <del> </del> | Н        |
|  | 146   | -  | Т        |          |  | 1        | t  | $\vdash$ | T-           | Н        |
|  | 147   |  |          |          |  |          | T  |          |              |          |
|  | 148   | $\top$   |          | T-       |  |          | Π  |          |              |          |
|  | 149   | $\Box$   | _        |          |  |          | Г  |          |              |          |
|  | 150   |  |          |          |  |          |  |          |              |          |